

Date: Sun, 24 Apr 94 04:30:31 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #104
To: Ham-Space

Ham-Space Digest Sun, 24 Apr 94 Volume 94 : Issue 104

Today's Topics:

48-Hours & Unidentified radio signals.
Building a Satellite. Need Advice.
Orbit DETERMINATION software ??
rec.radio.amateur.vhf.plus (?) (2 msgs)
STS-60 QSL?

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 21 Apr 1994 22:46:34 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!cs.uoregon.edu!reuter.cse.ogi.edu!
netnews.nwnet.net!raven.alaska.edu!aurora.alaska.edu!fsrla@network.ucsd.edu
Subject: 48-Hours & Unidentified radio signals.
To: ham-space@ucsd.edu

This is probably the wrong news group to post this in.
If so, redirect me, please!!!!

Anyway, the show 48 Hours last night broadcast about
the search for UFO's. I found most of it rather hokey,
and (in all honesty) rather humorous.

What got my attention, however, was the segment on the
radio-telescope facility that was scanning the skies in
search of hopeful radio contact, or sounds, or, well,
anything out of the norm. They had 37 signals they
could not identify.

Now, my question is, does anybody know what frequencies these 37 signals were heard on? I'm just curious.

Please e-mail me at FSRLA@aurora.alaska.edu
Thanks!

Date: 22 Apr 94 12:51:07 GMT
From: agate!usenet.ins.cwru.edu!lerc.nasa.gov!magnus.acs.ohio-state.edu!
slip2-40.acs.ohio-state.edu!user@ucbvax.berkeley.edu
Subject: Building a Satellite. Need Advice.
To: ham-space@ucsd.edu

In article <2p7ro3\$ioK@nntp2.Stanford.EDU>, rbatra@leland.Stanford.EDU
(Rajesh Kumar Batra) wrote:

> Hi All,
>
>
> I'm a Stanford graduate student in the Aeronautics program and
> am building a satellite that will be launched hopefully sometime next year.
> I plan on using a TNC for telemetry data. Since the majority of the
> satellites use PSK, I plan on using a rad hard version of a paccom tiny 2.
> I hear they use low power (CMOS) and are easy to hook up to a transceiver
> (as opposed to 9600). First, are my decisions sound?
> The satellite will be in LEO, and we do plan on downloading jpeg pics
> (about 20K each). 8 - 15 minute windows.
> Second, what can I do about data integrity? I hear there is a
> protocol called pacsat that the uosat's use- is this an easily configured
> code (we plan on launching a 68332), and if so where is it available.
> If there is a better/easier protocol available let me know. My major concern
> is to resume a download if the window is not long enough to retrieve a
> picture.
> Third, using a store bought TNC 1200 baud, will I have any problems
> uploading. Will Doppler's effect be a problem?
>
> Thanks in advance,
>
> Rajesh Batra
> rbatra@leland.stanford.edu

You did not mention anything about frequencies. You can not use amateur radio frequencies just because you have a license! There are licensing procedures etc.

Ron w8gus.

Date: 23 Apr 94 20:18:31 GMT
From: agate!howland.reston.ans.net!EU.net!Germany.EU.net!nntp.gmd.de!dearn!
barilvm!aristo.tau.ac.il!ccsg!zvikal@ucbvax.berkeley.edu
Subject: Orbit DETERMINATION software ??
To: ham-space@ucsd.edu

Hi all. In recent weeks I have searched many ftp sites for orbit determination software - that is, software for calculating the orbit parameters of the satellite given data such as measured Ra and Dec from a given ground stations(s), or doppler (i.e. velocity) readings from such stations. While there are many excellent shareware packages available for orbit calculation or tracking (that is, given the orbital parameters where will the sat be at time T), I have failed to find any for my 'Inverse' problem. Any info will be of help.

Thanks,
Zvi
email: zvikal@ccsg.tau.ac.il

Date: 23 Apr 94 20:45:28 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-mail@ucbvax.berkeley.edu
Subject: rec.radio.amateur.vhf.plus (?)
To: ham-space@ucsd.edu

Paul Flaherty (paulf@abercrombie.Stanford.EDU) wrote:

: I'll see if I can come up with some sort of automated listserver this
: weekend, and set it up. If folks really want to set up a newsgroup, that's
: okay too; I probably won't tie the two together.

Please post to the newsgroups when you get this going. Thanks

--

Bob Wilkins	work	bwilkins@cave.org
Berkeley, California	home	rwilkins@ccnet.com
94701-0710	play	n6fri@n6eeg.#nocal.ca.usa.noam

Date: 22 Apr 1994 11:57:58 -0700
From: ihnp4.ucsd.edu!usc!crash!news.sprintlink.net!connected.com!connected.com!

not-for-mail@network.ucsd.edu
Subject: rec.radio.amateur.vhf.plus (?)
To: ham-space@ucsd.edu

rec.radio.amateur.vhf.plus should it be created?

This is a informal request to see if there is enough interest to warrant a new news group. The driving factors in this interest are, the apparent demise of the vhf list run out of Stanford University and the lack of any other news group for this area. The major unknown is if there is enough interest to set up a formal RFD/CFV for this area.

While my primary interest is in the weak signal area, I have also noticed a general need in areas of ATV, Repeaters, FM, etc. So I envision the charter as being read very broadly, to include all areas of VHF/UHF/SHF interest, except RC, satellite, and packet (as they have their own forums)

Please reply to me via email or to rec.radio.amateur.misc (also posted to rec.radio.amateur.space and rec.radio.amateur.policy)

Ralph Lindberg N7BSN member ARRL, AMSAT,CS-VHF,MW-Microwave, Kistap ARES
email =>dragonsl@hebron.connected.com

Date: Fri, 22 Apr 1994 19:07:16 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!dparker@network.ucsd.edu
Subject: STS-60 QSL?
To: ham-space@ucsd.edu

Greg (laborde@elm.jpl.nasa.gov) wrote:
: Has anyone received an STS-60 QSL yet?

Still waiting.....

Dave

KD6RRS, Tracy Ca., USA
Dave Parker

Date: 24 Apr 94 05:13:04 GMT
From: unix.sri.com!headwall.Stanford.EDU!abercrombie.Stanford.EDU!
paulf@hplabs.hp.com
To: ham-space@ucsd.edu

References <2p96nm\$7k6@hebron.connected.com>,
<paulf.767130549@abercrombie.Stanford.EDU>, <2pc1d8\$qmk@ccnet.ccnet.com>(
Subject : Re: rec.radio.amateur.vhf.plus (?)

rwilkins@ccnet.com (Bob Wilkins n6fri) writes:

>Paul Flaherty (paulf@abercrombie.Stanford.EDU) wrote:

>: I'll see if I can come up with some sort of automated listserver this
>: weekend, and set it up. If folks really want to set up a newsgroup, that's
>: okay too; I probably won't tie the two together.

>Please post to the newsgroups when you get this going. Thanks

It's done and working. LISTSERV requests should go to:

vhf-request@w6yx.stanford.edu

--

-=Paul Flaherty, N9FZX | "The National Anthem has become The Whine."
->paulf@Stanford.EDU | -- Charles Sykes, _A Nation of Victims_

End of Ham-Space Digest V94 #104
